

CLAIMS:

1. A foldable stand (1), comprising
 - a longitudinally extending support (2) which is carried by two legs (3), each leg (3) being connected to the support (2) via a journal (4) having a central axis (5),
 - said stand (1) being foldable between an operational position, in which the legs (3) extend
5 in one plane the support (2) extends away from said plane,
 - and a rest position in which the legs (3) extend in said plane and the support (2) also extends in said plane substantially parallel to the legs (3),characterized in that
a housing (6) is provided to which the support (2) is fixedly mounted, and a coupling element
10 (7) is provided in said housing (6) for rotationally coupling the central axes (5) of the journals (4) of the legs (3) at an angle relative to each other.
2. A foldable stand as claimed in claim 1, characterized in that each journal (4)
has a semi-cylindrical recess (8) for cooperation with a semi-cylindrical protrusion (18)
15 provided on the coupling element (7) by means of sliding and rotating surfaces (28, 38).
3. A foldable stand as claimed in claim 1, characterized in that the coupling
element (7) has a central axis (75') and comprises two cylindrical parts (39) arranged in
parallel and extending transversally to said central axis (75'), the central axis (75') of the
20 coupling element (7) intersecting a central axis (5') of at least one journal (4) at the center of
at least one cylindrical part (39).
4. A foldable stand as claimed in claim 1, characterized in that the stand (1) has
elements (13) for supporting the stand (1) in a storage position with the legs (3) and the
25 support (2) extending parallel to each other.
5. A foldable stand as claimed in claim 1, characterized that the central axes of
the legs (3) enclose an angle of 30° in the operational position.

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6. A foldable stand as claimed in claim 1, characterized in that the coupling element (7") comprises a central coupling shaft (71) provided with longitudinally extending grooves (72) along its outer surface, and the two journals (4") are provided with bevelled teeth (73) for cooperation with said grooves (72).

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7. A foldable stand as claimed in claim 6, characterized in that the central axis (75") of the central coupling shaft (71), the longitudinal axis (78) passing through both teeth (73), and the central axis (76) of a bearing (77) carrying the journal (4") intersect in one point.

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8. An irradiation device for the human body comprising a foldable stand, characterized in that the foldable stand is a stand according to any of the preceding claims.